(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 19 May 2005 (19.05.2005)

PCT

(10) International Publication Number WO 2005/045754 A1

(51) International Patent Classification7: G06K 19/077, H05K 1/00

(21) International Application Number:

PCT/IB2004/052221

(22) International Filing Date: 27 October 2004 (27.10.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 03104103.1 6 November 2003 (06.11.2003)

(71) Applicant (for DE only): PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).

(71) Applicant (for all designated States except DE, US): KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

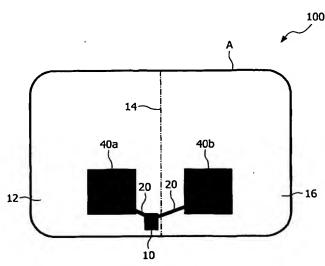
(75) Inventors/Applicants (for US only): SICKERT, Klaus

[DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). DREWS, Steffen [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

- (74) Agents: VOLMER, Georg et al.; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: DATA CARRIER OR DOCUMENT CARRIER



(57) Abstract: In order to further develop an electrical or electronic data carrier or document carrier (100) as well as a method of communication, in particular for the contactless transmission and/or for the contactless exchange of data and/or of energy, between at least one base station or central station, in particular at least one read/write station, and at least one electrical or electronic data carrier or document carrier (100) in such a way that data and information cannot be read from the data carrier or document carrier (100) without the agreement, knowledge and/or assistance of the user or owner of the data carrier or document carrier (100), it is proposed that the data carrier or document carrier (100) can be moved to and from between a first position (A) defined as an unfolded or opened state and a second position (B) defined as a folded or closed state, and that the data carrier or document carrier (100) is coupled to the base station or central station essentially only in the first position (A) or essentially only in the second position (B) or essentially only in a position between the first position (A) and the second position (B).



WO 2005/045754 A1



FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

with international search report